

KRACIK, O.

Flame-Cutting Underwater. O. Kracik. (Svarovani, 1950, vol. 10, Mar., pp. 27-30). (In Czech). Flame-cutting underwater with an oxy-hydrogen, oxy-acetylene, and oxyhydro-carbon gas torch, and cutting with an electric arc are described on the basis of experience gained at the Polish port Gdynia and papers published in Poland.

Immediate source clipping

KRACIK, O.

Construction of falsework for bridges. p. 242.
(INZENYRSKE STAVBY, VOL. 3, no. 6, June 1955, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

KRACIK, Jirakar, inz.

Technological possibilities of a mass production of welded constructions. Inz stavby 12 no.5: Suppl: Mechanizace no.5:65-71 '64.

To: Chair of Steel Construction, Czech Higher School of Technology,
Prague.

SNABL, P.; mathematisch-statistic Bearbeitung: KRAOK, V.; technische
Mitarbeit: POKORNY, J.; BARTONICOVA, M.

The dynamics of arteriosclerosis fat metabolism disorders and their
diagnosis by biochemical investigation. Cor vasa 4 no.3:232-242 '62.

1. Krakenhaus mit Poliklinik in Liberec, CSSR.
(FATS metabolism) (ARTERIOSCLEROSIS metabolism)
(MYOCARDIAL INFARCT metabolism) (CHOLESTEROL blood)

SNARD, P.; Matematickostatisticky zpracoval KHAZIK, Vl.; Technicky spolu-
pracoval POKORNÝ, J.

Effect of castration on the level of blood lipids in young
women. Cas. lek. cesk. 103 no. 51st390-1397 18. 9 ' 64

1. Interní oddělení nemocnice s poliklinikou v Liberci (vedoucí
MUDr. Vl. Munzar). 2. Vysočka škola strojní a textilní, Liberec
(far. Krasík).

SNABL, P.; Statistickomatematicka spoluprace: KRACIK, Vl.

Prognosis in ischemic diseases of the lower extremities. Cas.
lek. cesk. 102 no.22:601-609 31 My '63.

1. Interni oddeleni nemocnice a poliklinikou OUNZ v Liberci,
prednosta MUDr. Vl. Munzar.
(VASCULAR DISEASES) (THROMBANGIITIS OBLITERANS)
(ISCHEMIA) (AMPUTATION) (SYMPATECTOMY)
(ANGIOGRAPHY)

KRACIKOVA, B.

Use of technological literature and documentation in the food industry. p. 171.
(PRUMYSL POTRAVIN, Vol. 7, No. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Acquisitions (SEAL) LC, Vol. 6, no. 12, Dec 1957. Uncl.

NIEDERLAND,T.R.; DZURIK,R.; KRACIL-LAZARY,B. Technicak spoluprace:
ONDREJKOVA,D.

Changes in the concentration of some lipid fractions in the
kidney following chronic and chronic-intermittent administra-
tion of silylates. Cas.lek. cesk. 103 no.15:393-395
10 Ap'64.

1.Vedecke laboratorium farmakobiochemie Lekarskej fakulty UK
v Bratislave; prednosta: prof.dr. T.R.Niederland, DrSc.

*

DZURIK, Rastislav; KRAJCI-LAZANY, Bartolomej; BRIX, Milos, KOREN, Karol;
ZILAVY, Stefan.

The glucose, lactic and free fatty acids uptake by the dog
kidneys. Biologia (Bratisl.) 19 no.3:186-191 '64.

1. From the Third Medical and First Surgical Clinics, Komen-
sky University Medical School, Bratislava, Czechoslovakia.

*

FAJMON, Josef, inz.; ADAM, Jan, inz.; KRACMER, Dusan, inz.

Thorough preparation of investments is always worthwhile. Inz
stavby 12 no. 5:214-216 My '64.

1. Vychodocesky prumysl kamene, Skutec (for Fajmon). 2. Hydro-
stav, Bratislava (for Adam). 3. Ministry of Building (for Kracmer).

KRAMAR, E.

16(1); 18(3); (6)
22(2); 11(2); 14(5) PHASE I BOOK EXPLOITATION CZZCH/2579

Sborník vedeckých prac vysokéj školy technickej v Košiciach,
II, 1957 (Collection of Scientific Works of the Higher
Technical School in Košice, II, 1957) Bratislava, SVTL,
1957. 198 p. 1,300 copies printed.

Responsible Ed.: Igor Blažko; Tech. Ed.: F.M. Blažko; Chief Ed.:
Pavol Holčo, Engineer.

PURPOSE: This collection of articles is intended for scientists
and engineers interested in the subjects discussed.

COVERAGE: This collection of 13 articles written by members of
the faculty of the Košice Higher Technical School covers a
variety of subjects, including mathematics, metallurgy,
mining engineering, etc. Each article is accompanied by a
resume in Slovak, Russian, and German. References are
listed at the end of each article; the majority of listings
are Slovak, German, and Soviet.

42

Kramar, Eduard, Docent, Doctor, Engineer. Relation Between
Intensity and [Performance] Standards of Labor
Introduction

- | | |
|---|----|
| 1. Impact of technological progress | 43 |
| 2. Time standard setup | 44 |
| 3. Manual operations | 45 |
| 4. One-man operation of a mechanized installation | 46 |

Card 3/8

KRACMAR, E.

Raising time standards. p.165. (Technika Praca. Bratislava. Vol. 9, no. 3, Mar. 1957.)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957. Uncl.

KRACMAROVA, J.; KRACMAR, J.

Contribution to the evaluation of the bromide and methyl sulfate of the m-trimethylaminophenyl ester of dimethylcarbamic acid (neostigmine) with reference to the degradation products.
Cesk. farm. 13 no.6:324-331 Jl '64

1. Statni ustav pro kontrolu leciv, Praha.

SEKERA, Aleš; KRACMAR, Josef

Use of Kofler's micromethod in drug control, I; identification of chemical official drugs in Czechoslovakian pharmacopeia I. Česk. farm. 4 no.4:173-180 May 55.

1. Z ustanov pro farmaceutickou chemii Masarykova univerzity v Brně.

(PHARMACOPIA

Czech. I, drug identification by Kofler's micromethod)

(DRUG INDUSTRY

identification by Kofler's micromethod)

SEKERA, Ales; KRACMAR, Josef

Use of Kofler's micromethod in drug control. II. Identification of chemical official drugs in Czechoslovakian pharmacopeia 1, suppl. 1. Cesk. farm. 4 no.5:232-233 June 55.

1. Z ustanu pro farmaceutickou chemii Masarykovy university v Brne.

(PHARMACOPEIA

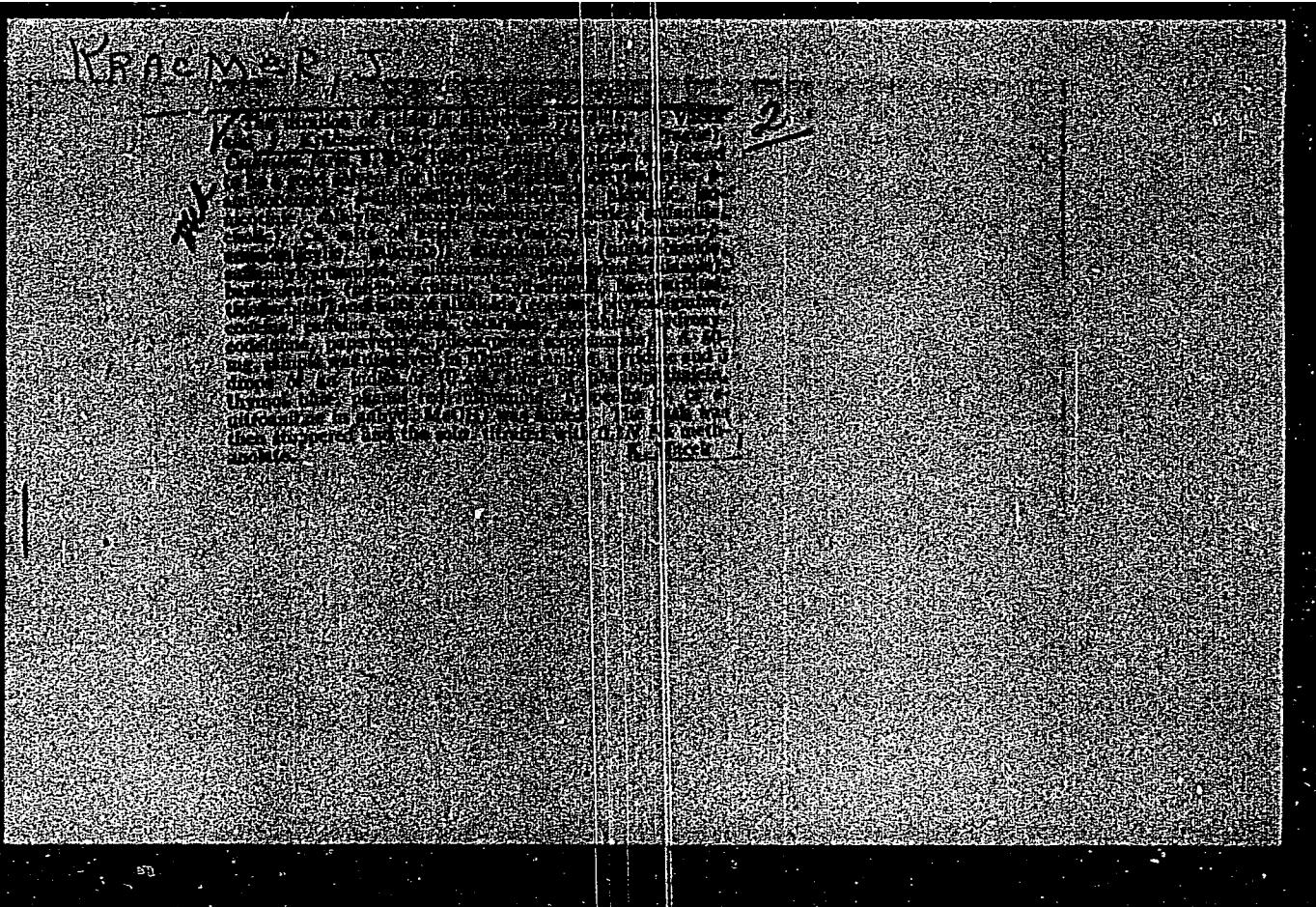
Czech. 1, supplement 1, drug identification by
Kofler's method)

(DRUG INDUSTRY

control of drugs by Kofler's micromethod)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5

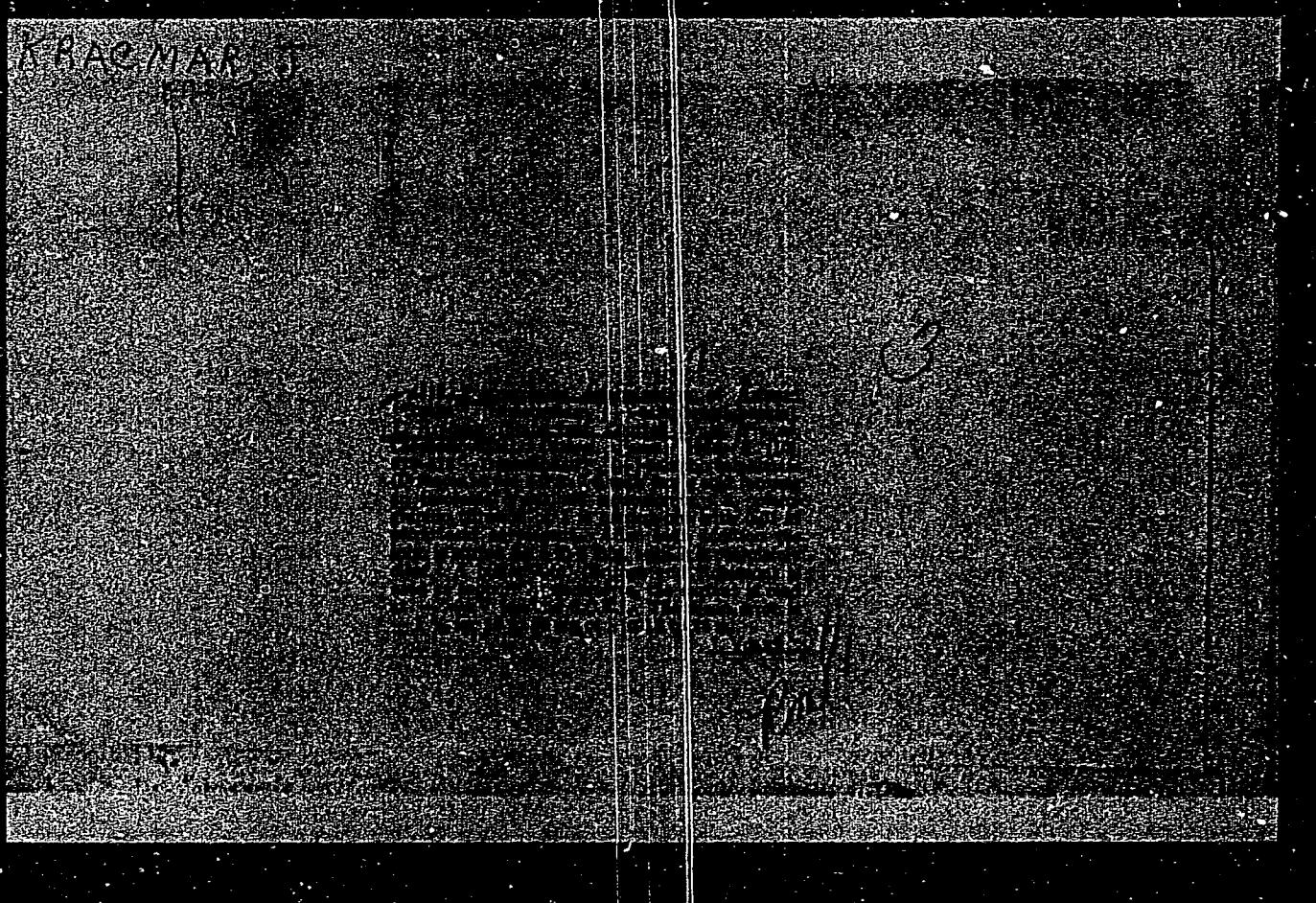


APPROVED FOR RELEASE: 06/19/2000

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CIA-RDP86-00513R000826010009-5"

KRACMAR JOSEF

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Medicinal Substances. Vitamins.
Antibiotics.

H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20541

Author : Kracmar, Josef; Stejskal, Zdenek

Inst :

Title : Gravimetric and Polarimetric Determination
of Derivatives of Xanthine-9-Carboxyl Acid
(Banthin and Pro-banthin "Hardy").

Orig Pub : Ceskosl. farmac., 1957, 6, No 3, 139-141

Abstract : It is proposed to determine quantitatively the ganglionic blocking agents - banthin (I) (methaneteline bromide, methylbromide beta-diethylaminoethyl ester of

Card : 1/4

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826010009-

CZECHOSLOVAKIA/Chemical Technology. Chemical
Products and Their Applications.
Medicinal Substances. Vitamins.
Antibiotics.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 20541

xanthene-9-carbon acid) and pro-banthin (II) (propaneteline bromide, methyl bromide beta-diisopropylaminoethyl ether of xanthene-9-carbon acid) - by means of Si-W-acid (III). About 0.2 g of the substance is dissolved in about 30 ml of water, the solution is heated to 70°, and is diluted with 1 ml of 37 percent hydrochloric acid (IV) during mixing in drops with 8 ml of a 10 percent solution of III. The precipitate is filtered out, washed with 20 ml of water, dried at 110°, and weighed. The con-

Card : 2/4

11-85

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of
Organic Substances:

E-2

Abs Jour: Ref Zhur-Khimiya, 1958, No 17, 57253.

Author : Blazek J., Kracmar J., Stejskal Z.

Inst : Not given.

Title : Determination of 1-Methyl-2-Mercaptoimidazole.

Orig Pub: Ceskosl. farmac., 1957, 6, No 8, 441-442.

Abstract: Iodometrical determination of 1-methyl-2-mercaptopo-imidazole (I) $\text{CH}_3\text{N} - \text{CH} = \text{CH} - \text{N} = \text{C} - \text{SH}$, used as an antithyroidic remedy, is described. When it is titrated in the presence of NaHCO_3 (II), 4 gr equivalent of I is being used up with the formation of $\text{CH}_3\text{N} - \text{CH} = \text{CH} - \text{N} = \text{C} - \text{OH}$. Approximately 10 mg

Card 1/2

APPROVED FOR RELEASE 06/19/2000 BY. CIA RDP86-00513R000826010009-5
Organic Substances.

Abs Jour: Ref Zhur-Khimiya, 1958, No 17, 57253.

Abstract: of a sample is dissolved in 20cc of water followed by the addition of 1gr of II and by the titration with 0.1 n I in the presence of starch. When potentiometrical indication is employed, a 10 mg sample is dissolved in 15cc of water and this solution is titrated in the presence of 1 gr of II or, still better, 10cc of 5 n NaOH. In the latter case the analysis error comprises approx. 0.5% I. The proposed method may be employed for the determination of I in dry tablets and pills.

Card 2/2

GDR/Chemical Technology - Chemical Products and Their
Application. Synthetic and Natural Medicinal Sub-
stances. Galelicals and Medicinal Forms.

H.

Abs Jour : Ref Zhur - Khimiya, No 10, 1959, 36042.

Author : Kracmar, J., Blazeck, J., Stejjskal, Zd.

Inst :
Title : Amperimetrical Determination of Certain Pharmaceutically
Important Antihistaminic and Spasmolytic Preparations.

Orig Pub : Pharmazie, 1957, 12, No 12, 802-809.

Abstract : There is described a method of the quantitative determi-
nation of benadryl, ambodryl, pyribenzamine, antihistami-
ne, atarax, longiphene, postaphene, antrenyl, artane (par-
coxane), spalisal, banthine, probanthine, based on the
potentiometric titration of the hydrochloride solutions
of the indicated preparations by a solution of silicotung-
stic acid (I). To a weighted portion of the preparation
or its medicinal forms (injection solution, tablet,

Card 1/2

H-4P2-

Country : CZECHOSLOVAKIA E
Category : Analytical Chemistry. Analysis of Organic
Substances
Aba. Jour : Ref Zhur - Khim., No 5, 1959, No. 15144
Author : Kracmar, J.; Zyka, J.
Institut. :
Title : Polarimetric Titration of Organic Bases. VI.
The Use of a Nitranilic Acid Solution as a
Volumetric Reagent
Orig. Pub. : Ceskosl. farmac., 1958, 7, No 5, 246-249
Abstract : Polarimetric and gravimetric methods were developed for the determination of salts of organic bases by means of their precipitation with nitranilic acid (NA) (3,6-dinitro-2,5-dioxybenzoquinone-1,4) (Ref Zhur-Khim, 1957, 71577). 100-200 mg. of a solution are dissolved in 10-20 ml. of 0.01 n. KCl solution and titrated with a 0.1 M solution of NA with an applied voltage of 0.5 v., using a type V 301 Geiger polarograph with a 4-volt accumu-

Cart: 1/4

E - 37

Country	: CZECHOSLOVAKIA	E
Category	Analytical Chemistry. Analysis of Organic Substances	
Acc. Jour.	Ref Zhur - Khim., No 5, 1959, No. 15144	
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	: lator. During titration, a linear change is observed in the intensity of the polarographic current and a change in the direction of the titration curve at the point of equivalence.	
Cont'd	The accuracy of the reading by this method for hydrochloride bases is: quinine (Q), cinchonine (C) and strychnine (nitrate) (ST) $\pm 1.5\%$; narcotine (N) $\pm 3\%$; papaverine (P) $\pm 5\%$; brucine (B) $\pm 7\%$; benadryl (dimedrol) (BD) and ambodryl (A) $\pm 1\%$; spalisal (S) +10%; and histamine (H)	
Card:	2/4	

Country	:	CZECHOSLOVAKIA	E
Category	:	Analytical Chemistry. Analysis of Organic Substances	
Obs. Jour.	:	Ref Zhur - Khim., No 5, 1959,	No. 15144
Author	:		
Institut.	:		
Title	:		
Orig. Pub.	:		
Abstract	:	-10%. In gravimetric determination, 10 ml. of 3.5% solution of NA, and then 5 ml. of alcohol are added drop by drop during mixing to a solution of 100-200 mg. of substance in 10 ml. of water. During three hours of standing in a refrigerator, the precipitate is filtered off in a G3 or G4 crucible and washed three times in 5 ml. of alcohol (temperature 10°) and 10 ml. of ether. It is dried at 100-110° for two hours and weighed. One mole of NA binds two	
Cont'd			
Card:	3/4		

E - 38

11-6357

4/4

COUNTRY	: Czechoslovakia	H-17
CATEGORY	:	
ABS. JOUR.	: RZhKhim., No. 21 1959, No.	75804
AUTHOR	: Kracmarova, J. and Kracmar, J.	
INST.	: Not given	
TITLE	: Titrations in Nonaqueous Media. II. The Quantitative Determination of New Antidiabetics, Used Orally.	
ORIG. PUB.	: Ceskoslov Farmac, 7, No 10, 565-509 (1958)	
ABSTRACT	: A new method has been developed for the direct titration of 4-methylbenzenesulfonylbutyl urea (tolbutamide) and 4-aminobenzenesulfonylbutyl urea (carbutamide) in nonaqueous media. 50-150 mg of the above substances have been determined (in acid form) in abs acetone or pyridine by visual (phenolphthalein) or potentiometric titration with 0.1 N CH ₃ ONa. Carbutamide can also be determined as the base in abs acetone or glacial CH ₃ COOH by visual (crystal violet indicator) or by potentio-	

CARD: 1/2

226

COUNTRY	:	
CATEGORY	:	
ABS. JOUR.	: RZhKhim., No. 21 1959, No.	75804
METHOD	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: metric titration with 0.1 N KClO ₄ . The potentiometric titrations are carried out with a T-56 millivoltmeter, using SG-electrodes. The error in the determination is $\pm 1\%$ for pure substances and $\pm 2\%$ in 'Rastinon' and 'Invenol' tablets marketed by Hoechst. For the preceding communication in this series see RZhKhim, 1956, No 24, 78371.	

From authors' summary

CARD: 2/2

KRACMAR, J.; POKORNY, J.; Technicky spolupracovala JASOVA, J.

Analytic determination of chlorides of 2-phenyl-3-methyl-tetrahydro-1,
4-oxazinium (Dexfenmetrazin and Fenmetrazin Spofa). Cesk. farm. 11
no.1:7-14 '61.

1. Statni ustav pro kontrolu leciv, Praha Farmaceuticka fakulta Uni-
versity Komenskeho, Bratislava.

(PHENMETRAZINE chem)

KRACMAR, J.; ZYKA, J.

Analytical studies on anticholinergics from the group of carboxylic acid esters. I. Ultraviolet spectrophotometry of 2-di-isopropylaminoethylxanthene-9-carboxylate methobromide and 2-di-ethylaminoethylxanthene-9-carboxylate methobromide. Cesk. farm. 10 no.9:440-455 '61.

1. Státní ústav pro kontrolu leciv, Praha Katedra analytické chemie
Karlov大学, Praha.
(METHANTHELINE chem)

BLAZEK, J.; KRACMAR, J.

Spectrophotometric determination of D,L-p-di-(β chloroethyl)-aminophenylalanine chloride (Sarcolysin) in the ultraviolet spectrum. Cesk. farm. 11 no.4:210-212 My '62.

1. Statni ustav pro kontrolu leciv, Praha.
(PHENYLALANINE chem) (ANTINEOPLASTIC AGENTS chem)
(SPECTROPHOTOMETRY)

KRACMAR, J.; POKORNY, J.

Kofler's micromethods and their use in pharmacy. IV. The determination of eutectic temperature of drugs. Cesk. farm. 11 no.8:416-421 O '62.

1. Statni ustav pro kontrolu leciv, Praha Katedra farmaceuticke chemie farmaceuticke fakulty Univerzity Komenskeho, Bratislava.
(CHEMISTRY, PHARMACEUTICAL) (MICROCHEMISTRY)

[REDACTED]

J. M. MOLDOVAN AND I. JELLINE, ROMANIAN NATIONAL INSTITUTE OF PHARMACEUTICAL INDUSTRY (CENTRAL) INSTITUTE OF PHARMA., ROMANIAN UNIVERSITY (FARMACIELE SI TEHNICALE) BUCHAREST.

"For Cyclosporine Assays in Pharmaceutical Preparations. Part 10. Determination of Cyclosporine and Ciclosporine."

Izraje, Ceskoslovenska Farmacie, Vol 11, No 9, Sept 1979; pp 457-458.

Abstract [English summary modified]: Method: thin-layer chromatography on Merckite Li-100 column; accuracy in tablets was ± 2%, and noted in considered very suitable. Detailed method, standard procedure, discussion of the other analytical methods used for the 2 drugs. Table, 2 structures, 2 Czech periodical and 3 pharmacopoeia references.

[REDACTED]

CZECHOSLOVAKIA

KRACKAR, J., and KRACMAROVA, J., State Drugs Control Institute (Statni ustav pro kontrolu leciv), Prague.

"Determination of the Melting Temperature. An Appendix Suggested for the Third Edition of the Czechoslovak Pharmacopoeia."

Prague, Ceskoslovenska Farmacie, Vol XII, no 7, September 63,
pp 370-375.

Abstract: The proposal contains the following items: I. Determination of the melting temperature and eutectic temperature of crystalline drugs (A. Determination of the melting temperature and eutectic temperature by means of Kofler's block; B. Determination of the melting temperature in the capillary of a device for determining the melting point). II. Determination of the melting temperature of fats, waxes, and similar substances. All proposals suggested are in accordance with new editions of foreign pharmacopoeias. Thirty-three references, including 6 Czech, 1 Hungarian, and 1 Russian.

1/1

CZECHOSLOVAKIA

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826010009-5
[affiliation not given], and VACEK, J. [affiliation not given].

"Fourth National Pharmaceutical Congress of the Pharmaceutical Section at the J.Ev. Purkyne Czechoslovak Medical Society held in Gottwaldov."

Prague, Ceskoslovenska Farmacie, Vol XII, no 7, September 63,
pp 375-380.

Abstract: The Congress was held in Gottwaldov, 20 to 22 May 1963. Stability of drugs was the main topic. It was attended by 370 Czechoslovak pharmacy specialists and representatives from Poland and Hungary. The report contains abstracts of lectures delivered. They deal with the production of drugs and its economic aspects, preparation of medicines in pharmacies, preservation of pharmaceutical preparations, and drugs control. The Congress adopted recommendations concerning various aspects of drugs, including the third edition of the Czechoslovak Pharmacopoeia. Authors and titles of the individual papers are given.

1/1

KRACMAR, J.; Technicky spolupracovala: SLADKOVA J.

Analytical study of anticholinergics of the carboxylic acid ester group. V. Chemical evaluation of 2-cyclohexyl-2 phenyl-2-hydroxyacetoxymethyl-sulfonium iodide (hydroxythiospasmin) and 2-cyclohexyl-2-phenylacetoxymethyl-sulfonium iodide (thiospasmin) and semiquantitative determination of the degradation products. Cesk. farm. 12 no. 9:458-466 N '63.

1. Statni ustav pro kontrolu leciv, Praha.

X

POKORNY, J.; KRACMAR, J.; KELLER, V.

The Kofler block and possibilities of its use in pharmacy. V.
Determination of the tempareture of critical mixtures. Cesk.
farm. 13 no.1:23-29 Ja'64.

1. Katedra farmaceuticke chemie farmaceuticke fakulty UK,
Bratislava, a Statni ustav pro kontrolu leciv, Praha.

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"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5

KRACMAR, J.

Trihexyphenidyl hydrochloride. Cesk. farm. 14 no. 1349-50
Ja '65

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5"

KRACMAROVA, J., PhMr. (Praha 10, Srobarova 48); KRACMAR, J.; POKORNY, J.

Kofler's block and the possibilities of its application in pharmacy.
Pt.6. Česk. farm. 14 no.4:175-182 My '65.

1. Statni ustav pro kontrolu leciv, Praha a Ustav cistych chemikalií, Brno.

CZECHOSLOVAKIA

REMSOVA, M.; KRACMAR, J.; State Institute for Drug Control (Statni Ustav Pro Kontrolu Leciv), Prague.

"Analytical Study of L-3-(3,4-Dihydroxyphenyl)-2-Methylalanine (Presinol)."

Prague, Ceskoslovenska Farmacie, Vol 15, No 6, Jul 66, pp 294-299

Abstract /Authors' English summary modified_7: Absorption in the ultraviolet region was studied in various solvents, and their effect on the changes of absorption minima and maxima is described. Optimum conditions for color reaction with ferric cations are discussed. Ultraviolet spectrophotometry, colorimetry after reaction with Fe⁺⁺⁺, and protogenic titration in non-aqueous solvent were used in determination of Presinol in tablets. Optical rotation characteristics and characteristic paper chromatography are discussed. 6 Figures, 2 Tables, 3 Czech references. (Manuscript received 3 Dec 65).

1/1

- 48 -

CZECHOSLOVAKIA

TOMAIKOVA, H.; KRACMAR, J.; State Institute for Drug Control (Statni Ustav pro Kontrolu Leciv), Prague.

"Analytical Study of 5-bis-(Chloroethyl)aminiomethyluracil Chloride (Thyminalkylaminium Chloride, TNY)."

Prague, Ceskoslovenska Farmacie, Vol 16, No 2, Feb 67, pp 73-78

Abstract /Authors' English summary modified_7: Absorption of 5-bis-(Chloroethyl)aminiomethyluracil chloride in the ultraviolet region was studied in solutions in distilled water, methanol, 0.1N HCl, and 0.1N KOH. The effect of the solvent on the shift of the main absorption band was investigated. Determination by titration with 0.1N perchloric acid with potentiometric indication, and with crystalline violet indicator in non-aqueous solutions was investigated. The use of eutectic temperatures obtained with salophen and dicyandiamide and of infrared spectroscopy as means of identification were verified. Use of identification by paper chromatography is discussed. Study of stabilities of aqueous solutions is described; the stability is low at higher temperatures. 6 Figures, 3 Tables, 2 Western, 6 Czech references.

1/1

KRACMAR, J Ph. Mr.

Benactyzine hydrochloride. Česk. farm. 14 no. 1:36-37 Ja '65

Dexphenmetrazine hydrochloride. Ibid.:37-39.

1. Statní ustanov pro kontrolu leciv.

KRACMAR, Otakar; SOLTA, Frantisek

Conference on the automation of analytical methods in the nitrogen factories. Chem prum 13 no.1:31 Ja '63.

1. Vychodoceske chemicke zavody Synthesia.

CZECHOSLOVAKIA

CHVOJKA, Ludovit and KRACMAR, M., Department of Radiobiology of the Institute for Experimental Botany of the Czechoslovak Academy of Sciences, Prague; BERES, Josef, Isotope Laboratory of the Czechoslovak Academy of Sciences, Prague; and BELEA, Adonisz, Agricultural Research Institute of the Hungarian Academy of Sciences, Budapest.

"Effect of Kinins (6-Benzylaminopurine and 6-Benzylguanineglucosylpurine) onto Awakening of Apple Buds from Winter Rest and onto P³²-Uptake."

Bratislava, Biologia, Vol 18, No 8, 1963; pp 579-587.

Abstract [German article]: Experimental studies of buds on 1- and 3-year old apple trees. Both compounds overcame hibernation upon topical application when the trees were moved to 20° C in November. Histologic and P³² studies confirmed cell division processes and ATP mobilization in tissue. Table, 4 photographs, 4 electrophograms; 4 Czech and 7 Western references.

1/1

L 34922-66 FWP(e)/FWP(v)/T WW/WH
ACC NR: AP6026582

SOURCE CODE: CZ/0057/65/000/008/0327/0328

AUTHOR: Culc, B. (Engineer); Kracmarova, E. (Engineer)

24
B

ORG: SOiNP, Kladno

TITLE: Lining of outlet troughs of steel furnaces

SOURCE: Hutnik, no. 8, 1965, 327-328

TOPIC TAGS: metallurgic furnace, magnesite, mechanical engineering

ABSTRACT: The authors describe a method which they developed on a 40-ton Martin furnace. The steel shell is lined with normal shaped refractories made of chromemagnesite material. The mortar consists of a slurry of magnesite powder in water glass; if the lining is dried out. Any possible damage can be repaired by using the mortar mentioned above. Chromemagnesite powder in water glass may also be used instead of the magnesite - water glass mixture. Acid mortars must not be used. Up to 250 charges may be passed through the trough before a complete new lining is needed. Orig. art. has: 7 figures. [JPRS]

SUB CODE: 13 / SUBM DATE: none

Card 1/1 DLR

09/6 3-277

COUNTRY	: Czechoslovakia	H-17
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 21 1959, No.	75804
AUTHOR	: Kracmarova, J. and Kracmar, J.	
INFO.	: Not given	
TITLE	: Titrations in Nonaqueous Media. II. The Quantitative Determination of New Antidiabetics, Used Orally.	
ORIG. PUB.	: Ceskoslov Farmac, 7, No 10, 566-569 (1958)	
ABSTRACT	: A new method has been developed for the direct titration of 4-methylbenzenesulfonylbutyl urea (tolbutamide) and 4-aminobenzenesulfonylbutyl urea (carbutamide) in nonaqueous media. 50-150 mg of the above substances have been determined (in acid form) in abs acetone or pyridine by visual (phenolphthalein) or potentiometric titration with 0.1 N CH ₃ ONa. Carbutamide can also be determined as the base in abs acetone or glacial CH ₃ COOH by visual (crystal violet indicator) or by potenti-	
CARD:	1/2	
	226	

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000826010009-5

COUNTRY	: Czechoslovakia	
ABS. JOUR.	: RZKhim., No. 21 1959, No.	75804
AUTHOR	:	
INFO.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	: metric titration with 0.1 N HClO ₄ . The potentiometric titrations are carried out with a T-56 millivoltmeter, using Sb-electrodes. The error in the determination is $\pm 1\%$ for pure substances and $\pm 2\%$ in 'Rastinon' and 'Invenol' tablets marketed by Acehat. For the preceding communication in this series see RZhKhim, 1956, No 24, 78371.	
	From authors' summary	
CARD:	2/2	

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5

KRACMAROVA, J.

Acetazolamido. Cesk. farm. 14 no. 2894 F '65.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5"

KRACMAROVA, J.; KRACMAR, J.

Contribution to the evaluation of the bromide and methyl sulfate of the m-trimethylaminophenyl ester of dimethylcarbamic acid (neostigmine) with reference to the degradation products.
Cesk. farm. 13 no.6:324-331 Jl'64

1. Statni ustav pro kontrolu leciv, Praha.

BLAŽEK, J.; KRACMAROVÁ, J.

Development of pharmacy in the Soviet Union. Česk. farm. 10 no.9:
444-449 '61.

(PHARMACY)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5

KRACHAROVA, J.

Neprotamate. Cesk. farm. 13 no. 108528-529 p. 164

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5"

KRACMAROVA, J.; JINDRA, A.

Ion exchangers in pharmaceutical analysis. XIII. Contribution on
the determination of 3-dimethylaminoisocamphane bromide(dimecamine)
and 3-methylaminoisocamphane chloride (mecamylamine); Cesk. farm.
11 no.9:457-459 N '62.

1. Statni ustav pro kontrolu leciv, Praha Farmaceuticka fakulty
University Komenskeho, Bratislava.

(MECAMYLAMINE) (ION EXCHANGE RESINS)
(CHEMISTRY, PHARMACEUTICAL)

KRACMAROVA, J., PhMr. (Praha 10, Srobarova 48); KRACMAR, J.; POKORNY, J.

Kofler's block and the possibilities of its application in pharmacy.
Pt.6. Cesk. farm. 14 no.4:175-182 My '65.

1. Statni ustav pro kontrolu leciv, Praha a Ustav cistych chemi-
kalii, Brno.

CZECHOSLOVAKIA

KRACMAR, J., and KRACMAROVA, J., State Drugs Control Institute
(Statni ustav pro Kontrolu leciv), Prague.

"Determination of the Melting Temperature. An Appendix Suggested
for the Third Edition of the Czechoslovak Pharmacopoeia."

Prague, Ceskoslovenska Farmacie, Vol XII, no 7, September 63,
pp 370-375.

Abstract: The proposal contains the following items: I. De-
termination of the melting temperature and eutectic temperature
of crystalline drugs (A. Determination of the melting temperature
and eutectic temperature by means of Kofler's block; B. Determ-
ination of the melting temperature in the capillary of a device
for determining the melting point). II. Determination of the
melting temperature of fats, waxes, and similar substances.
All proposals suggested are in accordance with new editions of
foreign pharmacopoeias. Thirty-three references, including
6 Czech, 1 Hungarian, and 1 Russian.

1/1

KRACMER, D.

Study of railroad transportation in subterranean constructions. p. 307.

STAVBY. Praha. Vol. 2, no. 8, Aug. 1954.

SOURCE: East European Accessions List (EFAL), LC, Vol. 5, no. 3, March 1956

KRACMER, M.; OSTRCIL, F.

Pertrochanteric fractures (incidence and results of conservative treatment). Rozhl. chir. 42 no.7:480-483 Jl '63.

1. Vyzkumný ústav traumatologicky v Brně, reditel prof. dr.
Vl. Novák, DrSc.

(FEMORAL NECK FRACTURES)
(FRACTURE FIXATION)
(AGED)

KRACMER, Milos, MUDr

Prevention of accidents. Rozhl.chir. 34 no.7:389-401 Aug 55.

1. Spolupracovali: kolektiv VUT, sportovni urazy Dr Vladimir
Krajci. Z Vyskumneho ustavu traumatologickeho v Brne. Reditel:
prof. MUDr Vl.Novak
(ACCIDENTS, prevention and control)

KULHANEK, V.; CHYTILOVA, M.; KRACMER, M.; KUSAK, I.

Immune responses of the organism to fresh,rozen and lyophilized homografts. Rozhl.chir. 39 no.6:388-392 Je '60.

1. Vyzkumný ustav traumatologicky v Brne, reditel prof. MUDr.
Vladimir Novak.
(SKIN TRANSPLANTATION exper.)

CZECHOSLOVAKIA/Magnetism - Experimental Methods of Magnetism

F-2

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18135

Author : Kracner Jan, Malek Zdenek

Inst : Not Given

Title : A Rotating Probe for Measuring the Inhomogeneity of a Magnetic Field.

Orig Pub : Chekhosl. fiz. zh., 1957, 7, No 4, 481-488

Abstract : Description of a device that makes it possible to measure the inhomogeneity of a magnetic field and also the temperature dependence of the magnetic moment, the saturation magnetization, and the coercive force of spherical and elliptical specimens of small dimensions. The operating principal of the probe is based on the measurement of the alternating emf, induced by two identical rotating coils, placed symmetrically relative to the axis of rotation in such a way, that their axes are parallel to the axes of rotation. The output voltage of the probe is amplified and determined with a phase detector. The probe makes it possible to determine the magnetic moment

Card : 1/2

CZECHOSLOVAKIA/Magnetism - Experimental Methods of Magnetism

F-2

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18135

of a small sphere of nickel with diameter of 0.3 mm, magnetized to saturation, with a probe distance of 2 cm from the specimen. If one places in the rotating probe a third coil, whose axis is parallel to the magnetic field, then by measuring the intensity of the magnetic field in an analogous manner, it is possible to plot a hysteresis loop by means of this probe. The advantages of the probe compared with the vibration magnetometer are noted.

Card : 2/2

20

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000826010009-5"

KRACZKIEWICZ, TERESA

POLAND / Organic Chemistry. Synthetic Organic Chemistry

G-2

Abs Jour : Ref. Zhur.-Khimiya, No 3, 1958, 7952

Author : Chmielewska, Cieslak, Kraczkiewicz.

Inst : Not given (Chair Org Chem, Warsaw Univ; Res. Lab. Technics, Physics)

Title : Method of Producing and Properties of 6-methyl-4-methoxy- γ -pyrone and 6-methyl-2-methoxy- γ -pyrone

Orig Pub : Roczn. chem., 1956, 30, No 3, 1009-1011

Abstract : As a result of methylating 6-methyl-2,4-pyronone with CH_2N_2 were produced 6-methyl-4-methoxy- λ -pyrone (I) with a m.p. of 89-90°C (H_2PtCl_6 salt, m.p. 125-126°C) and 6-methyl-2-methoxy- γ -pyrone (II) with a m.p. of 91-92°C. II reacts with HCl to yield the salt $\text{C}_7\text{H}_9\text{O}_3\text{Cl}$, which decomposes at 83-85°C or under the action of dilute HCl to form 6-methyl-2H-pyran-2,4-(3H)-dione. Boiling II in a methanol solution of HCl

Card 1/2

5

ECKSTEIN, Z.; KRACZKIEWICZ, T.; SACHA, A.; URBANSKI, T.

On absorption spectra of 2-nitro-2-(1'-cyclohexenyl)- and 2-nitro-
2-(1'cycloheptenyl)-p-chlorophenyl-ethylene. Bul Ac Pol chim 6
no.5;313-318 '58. (EEAI 9:7)

1. Department of Organic Technology, Warsaw Technical University.
Pharmaceutical Institute, Warsaw. (Communicated by T.Urbanski.
(Nitrocyclohexenylchlorophenylethylene)
(Nitrocycloheptenylchlorophenylethylene)
(Absorption spectra)

KRACZKIEWICZ, Z.

2. "Studies on chromosomes of Lesionotera rubi Heeg. (Cecidomyiidae)." p. 58.
(SPRAWOZDANIA Z POSIEDZEN Vol. 43, 1950/51. Published 1953. Warsaw, Poland)

SO: Monthly List of East European Accession. (EEAL). LC. Vol. 4. No. 4
April 1955. Uncl.

POLAND / General Biology. Cytology.

B-2

Abs Jour: Ref Zhur-Biol., No 10, 1958, 42737.

Author : Kraczkiewicz, Z.

Inst : Not given.

Title : Problems and Requirements of Cytology in Poland.

Orig Pub: Kosmos (Polska), 1957, A6, No 2, 153-161.

Abstract: No abstract.

Card 1/1

KRACZKIEWICZ, Z.

SCIENCE

Periodical: KOSMOS. SERIA A: BIOLOGIA. Vol. 7, no. 3, 1958.

KRACZKIEWICZ, Z. A letter to the editor; remarks on T. Marchlewski's article "Problems of contemporary genetics." p. 309.

Monthly List of East European Acquisitions (EEAI), LC, Vol. 8, No. 3, May 1959
Unclass.

KRACZKIEWICZ, Zygmunt

Prof. Stanislaw Bilewicz, March 26, 1903--March 17, 1962. Kosmos
biol 12 no.1:3-12 '63.

KRACZKIEWICZ-BIERNACKA, T. ; KONTNIK, B.

Infrared spectrophotometric determination of xylene and ethylbenzene in their mixtures. p. 97.

CHEMIA ANALITYCZNA. Warszawa, Poland, No. 8, August 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 11
November 1959

Uncl.

KRACZKOWSKA, Reneta

Helminths in Rana terrestris Andrz. in the Lublin region. Wiadomosci parazyt., Warsz. 4 no.5-6:671-672; Engl. transl. 672 1958.

1. Z Zakladu Parazytologii i Chorob Inwazyjnych WSR w Lublinie.
(HELMINTH INFECTIONS,
in frogs (Pol))
(FROGS AND TOADS, dis.
helminth infect. (Pol))

OPIENSKA-BLAUTH, Janina; KRACZKOWSKI, Henryk; BRZUSZKIEWICZ, Halina.

Thin layer chromatography. Postępy biochem. 11 no.2:211-224
'65.

Methods

POLAND

KRACZKOWSKI, Henryk; Chair of Chemical Physiology, Veterinary College,
Agricultural University (Katedra Chemii Fizjologicznej Wydziału Wet. WSR,)
Head (Kierownik) Prof Dr Jozef SKULMOWSKI, Lublin.

"Thin-Layer Chromatography of Amino Acids. Part 1. Free Amino Acids in Blood
Plasma."

Lublin, Medycyna Weterynaryjna, Vol 21, No 10, Oct 65; pp 624-626.

Abstract : Study of chicken sera on silica gel and powdered cellulose
revealed the former to be more suitable for use in conjunction with
amino acid thin-layer chromatography. Two chromatograms, 1 Soviet, 5
Western references.

KRACZYNSKI Jersy, TUSZKIEWICZ, Alfred Roman

Brdicka's polarographic reaction as a diagnostic test in liver diseases. Polskie arch.med.wewn. 25 no.3a:616-620 '55.

1. Centralne Laboratorium Kliniczne PSK w Lublinie.Kierownik:
dr med. J. Krawczynski, II Klinika Chorob Wnętrznych AM w
Lublinie.Kierownik: prof.dr med. A.R. Tuszkiewicz.
(LIVER, diseases
diag., Brdicka's polarographic test)

BEAVENY, P.; KRADA, V.; STEJSKALOVA, J.

Pessimum of contractility of the mammalian cardiac auricle. Cesk.
fysiol. 9 no.1:3-4 Ja 60.

1. Fysiologicky ustav lek. fak. MU, Brno.
(HEART physiol.)

BRANT, A.L., kand.med.nauk; KRADAZHEK, B.K., kand.med.nauk

Atelectases and their treatment by means of bronchoscopy as revealed by data of a tuberculosis sanatorium. Pat., klin.i terap.tub. no.8:152-155 '58. (MIRA 13:7)

1. Iz tuberkuleznogo sanatoriya "Zanki".
(LUNGS--COLLAPSE) (BRONCHOSCOPY)

KRADENOV, A.F.

KRADENOV, A.F.

An important link in industry. Standartizatsiia no. 3:81 My-Je '55.
(MILKA 8:10)

1. Nachal'nik Byuro normalizatsii i standartizatsii Staro-Kramatorskogo zavoda imeni Ordzhonikidze, g.Kramatorsk
(Leningrad--Standardization--Congresses)

KUMSISHVILI, N.G., inzh.; ERADENOV, N.I., inzh.

Learning to work with prestressing beds. Bet. i zhel.-bet. no.8:375-
376 Ag '60.
(MIRA 13:8)
(Prestressed concrete)

KRADINOV, A. I., Cand Med Sci -- (diss) "Segments of the heart and the large blood vessels in hypertonic disease. (Clinical X-ray research)." Khar'kov, 1960. 16 pp; (Khar'kov State Medical Inst); 200 copies; price not given; with illustrations; (KL, 30-60, 140)

KRADINOV, A.I., kand. med. nauk; GAVALOV, S.M., doktor med. nauk

Roentgenokymographic heart examination in chronic nonspecific
pneumonias in children. Sov. med. 27 no.8:42-45 Ag '64.
(MIRA 18:3)
1. Krymskiy meditsinskiy institut, Simferopol'.

BOCHAROV, N.F., dotsent, kand.tekhn.nauk; KRADINOV, Ye.B., inzh.

Motor vehicles with a new type of wheel movers. Izv.vys.
ucheb.zav.; mashinostr. no.3:132-136 '59.

(MIRA 13:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
N.Ye.Baumana.

(Motor vehicles--Dynamics)

12 1200 on 6, 22/11

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22019

S/145/61/000/003/004/006
D205/D304

AUTHORS: Bocharov, N.F., Candidate of Technical Sciences,
Sharikyan, Yu.E., Candidate of Technical Sciences,
Kradinov, Ye.B., Engineer, Sakharov, Yu.N., Engineer,
Zakharov, S.P., Candidate of Technical Sciences, and
Abramova, E.Ye., Engineer

TITLE: Design of a fixture for moulding pneumatic rollers
size 1000 x 1000 x 250

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
mashinostroyeniye, no. 3, 1961, 83 - 87

TEXT: Pneumatic rollers are special wide tires with a very small
hub diameter (usually the width is 1 and the hub 1/4 of the outside
diameter) designed to carry vehicles over bad terrain such as snow,
soft sand and mud. In this respect they can compete with cater-
pillar machines. Due to the large support area, small hub and low
internal pressure (0.1 to 1.0 kg/cm²) these rollers can be permit-

Card 1/4 1

22019

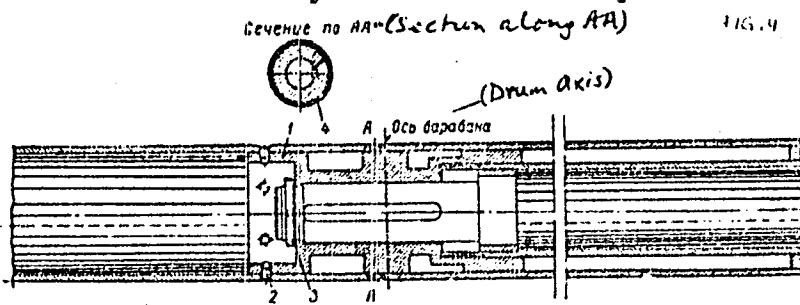
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D205/D304

Design of a fixture ...

ted to deflect as much as 35 % of the profile. In the USSR testing of the rollers size 24 x 36 x 6" gave good results, but showed the need to increase the outside diameter, and the size 1000 x 1000 x 250 mm was designed. Equipment for vulcanizing ordinary tires could not be used and a new fixture had to be designed. The mounting drum for making these rollers is illustrated. It consists of 24 hollow sectors, 12 on each side, each of them is connected with the opposite sector by a plate. This drum is designed for use on machine SPD-A, on which it is fixed by means of the adaptor shown in Fig. 4.

Fig. 4.

Card 2/4



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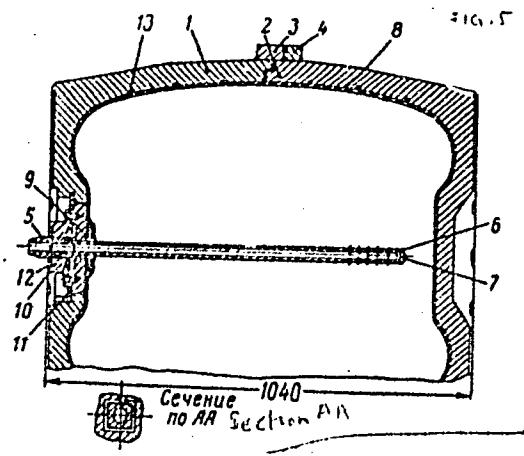
Design of a fixture ...

S/145/61/000/003/004/006
D205/D304

The press-form for vulcanizing the tube is given in Fig. 5.

Fig. 5.

Legend: 1 - Upper half;
2 - lower half; 3 - wedge;
4 - socket; 5 - standard cone
with internal thread; 6 - tube;
7 - plug; 8 - tire tube; 9 -
nut; 10 - insert; 11 - circular
clip; 12 - sealing ring; 13 -
wire net.



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Design of a fixture ...

S/145/61/000/003/004/006
D205/D304

Superheated water is introduced through the tube in the face of the upper half of the press-form. The principle of this design is new. To obtain circular and longitudinal grooves wire 13 is hammered on the inner surface to protrude 0.5 mm. The press-form for vulcanizing the tire is constructionally similar to that for the tube, except that the upper and the lower halves are made in two parts. There are 6 figures.

ASSOCIATION: MVTU im. N.E. Bauman a (Moscow Technological College (MVTU) im. N.E. Bauman; NIISRP (Scientific Research Institute of the Tire Industry)

SUBMITTED: April 14, 1960

Card 4/4

BOCHAROV, N.F., kand.tekin.nauk; KRADINOV, Ye.B.; GUSEV, V.I.;
ABRAMOVA, E.Ye.

Testing extra-wide-lug-type tires on snow. Avt.prom. 27 no.11:
11-13 N '61.
(MIRA 14:10)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche i
Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Motor vehicles--Tires)

BOCHAROV, N.F.; KRADINOV, Ye.B.; GUSEV, V.I.; ZAKHAROV, S.P.; ABRAMOVA, E.Ye.

Investigating the performance of tubeless tires on sand ground.
Kauch.i rez. 21 no.3:36-40 Mr '62. (MIRA 15:4)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni N.E.
Baumana i Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Tires, Rubber--Testing)

TOLOKNOV, O. A., kand. tekhn. nauk; BOCHAROV, N. F., kand. tekhn. nauk; KRADINOV, Ye. B.; SEMENOV, V. M., kand. tekhn. nauk

Possible use of an electric drive in heavy automobile trains.
Avt. prom. 28 no. 6:29-32 Je '62. (MIRA 16:4)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana i Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.

(Automobile trains—Electric driving)

BOCHAROV, N.F., kand.tekhn.nauk; KRADINOV, Ye.B.; GUSEV, V.I.

Device for measuring deformations of a pneumatic tire roller.
Avt.prom. 29 no.1:24-25 Ja '63. (MIRA 16:1)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche im. Baumana.
(Tires, Rubber—Testing)

BOCHAROV, N.F., kand. tekhn. nauk; KRADINOV, Ye.B.; GUSEV, V.N.;
ABRAMOVA, E.Ye.

Testing pneumatic rollers in spring plowing. Avt. prom. 29
no.4:18-20 Ap '63. (MIRA 16:6)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana i Nauchno-issledovatel'skiy institut shinnoy promysh-
lennosti.

(Agricultural machinery...Testing)

BOCHAROV, N.F., kand. tekhn. nauk; GUSEV, V.I., inzh.; KRADINOV, Ye.B.,
kand. tekhn. nauk; SEMENOV, V.M., kand. tekhn. nauk;
PETRUSHOV, V.A., kand. tekhn. nauk

Motor vehicles on flexible rollers. Izv. vys. ucheb. zav.,
mashinostr. no.10:89-103 '63. (MIRA 17:3)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana i TSentral'nyy nauchno-issledovatel'skiy avtomo-
bil'nyy i avtomotornyy institut.

BOCHAROV, N.F., kand. tekhn. nauk, dotsent; GUSEV, V.I., inzh.;
KRADINOV, Ye.B., kand. tekhn. nauk; MAKAROV, S.G., inzh.

Tensometering device for measuring the deformations of a
balloon tire. Izv. vys. ucheb. zav.; mashinostr. no.2:119-
123 '64.
(MIRA 17:5)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni
Baumana.

Bogdanov, V.P., cand. tekhn. nauk, invent.; Kozachenko, Ye.N., kand. tekhn. nauk;
Gulyay, V.J., inzh.; TAKIMOV, S.G., Rzhh.

Balloon tires and the design of their rims. inv. vsp. nesob. zav.;
zaglinostr. no.9:126-129 162. (11-A 17:12)

I. Moskovskoye vyscheye tekhnicheskoye uchebnoe izdatelstvo M.R.
Khanna.

ACCESSION NO.: A7-001164

8/0113/64/000/010/0022/0025

AUTHORS: Bocharov, N. F. (Candidate of technical sciences); Osipov, V. I. (Candidate of technical sciences); Semenov, V. A. (Candidate of technical sciences); Krasinov, G. D. (Candidate of technical sciences)

TITLE: Peculiarities of pneumatic roller rolling along a hard road and deformable soils

SOURCE: Avtomobil'naya promyshlennost', no. 10, 1964, 22-25

TOPIC TAGS: transportation, dynamic tire radius, road surface material, rolling radius/T-220 roller, T-245 roller, 1400 roller

ABSTRACT: The results of a series of investigations of the mechanics of a pneumatic roller in contact with surfaces of various deformations are presented. The rollers used were of types T-220, T-245, and T-104, measuring the radial deformation of the soil under several loadings and for different values of pneumatic pressure. A comparison is made of stiffness of the rubber material in comparison with that of certain production tires. A constant velocity of travel was allowed for types of variation of pressure; the results were plotted and compared for the different roller types. The

Card - 1/2

ACCESSION NR.: AB500166

work was related to theoretical equations developed by Ye. A. Chudakov (Kachinets) in 1948. In close agreement with Chudakov's theory, S. Pochinov, V. I. Gusev, and Yu. B. Kudratenko (No. 1), was used to measure dynamic radius of movement, and controlled movement of 57 types of wheels with results plotted on an oscillograph. Rolling was graphically for certain test conditions. The variations caused by the hardness of the road surface are noted.

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ASSOCIATION: MVTU imeni Baumana, VIMI

SUBMITTED: 00

SUB CODE: GO, LF

IN REW. SOWI

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ENCL: CO

OTHER: 000

Cord - 2/2

work was related to theoretical equations developed by Ye. A. Chudakov (Kachinets) in 1948. In close agreement with Chudakov's theory, S. Pochinov, V. I. Gusev, and Yu. B. Kudratenko (No. 1), was used to measure dynamic radius of movement, and controlled movement of 57 types of wheels with results plotted on an oscillograph. Rolling was graphically for certain test conditions. The variations caused by the hardness of the road surface are noted.

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BOCHAROV, N.F., kand. tekhn. nauk; GUSEV, V.I.; KRAPINOV, Ye.B., kand. tekhn. nauk; MAKAROV, S.G.; SEMENOV, V.M., kand. tekhn. nauk

Torque distribution in the transmission of motor vehicles having several driving wheels with wide-base tires. Avt. prom. 31 no.2: 14-17 F '65. (MIRA 18:3)

1. Moskovskoye vysheye tekhnicheskoye uchilishche imeni Baumana i Tsentral'nyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.

ACC NR: AR6030494

SOURCE CODE: UR/0275/66/000/006/B014/B014

AUTHOR: Goryunova, N. A.; Baranov, B. V.; Grigor'yova, V. S.; Kradinova, L. V.; Kryukova, I. V.; Prochukhan, V. D.

TITLE: Production and investigation of GaP--GaAs and GaAs--InAs solid solutions

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 6B93

REF SOURCE: Sb. Simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. materialov, 1965. Tczisy dokl. Novosibirsk, 1965, 7-8

TOPIC TAGS: single crystal growing, semiconductor crystal, solid solution

ABSTRACT: Single crystals from solid solutions of GaP--GaAs and GaAs--InAs systems were grown by the method of gas-transport reactions in a closed space. Effects of vaporization-zone temperature, crystallizer temperature, temperature difference between the cold and hot zones, geometric factors, and chemical nature were investigated. Also the problems of crystal doping in gas-transport reactions were clarified. GaP--GaAs and GaAs--InAs single crystals were produced in a wide concentration range. Optimal conditions for producing single crystals of desirable habitus were found. A possibility of doping single crystals in the gas-transport reaction was found. Some electric properties of single crystals were measured.
N. G. and others. [Translation of abstract]

SUB CODE: ~~20~~ 20

Card 1/1

UDC: 621.315.592.4:541.412

L 08354-67 EWP(m)/EWP(w)/EWP(t)/ETI IJP(c) JD
ACC NR: AR6028126 SOURCE CODE: UR/0058/66/000/005/A069/A069

AUTHOR: Goryunova, N. A.; Baranov, B. V.; Grigor'yeva, V. S.; Kradinova, L. V.; Kryukova, I. V.; Prochukhan, V. D.

TITLE: Production and investigation of GaP-GaAs and GaAs-InAs solid solutions

SOURCE: Ref. zh. Fizika, Abs. 5A557

REF. SOURCE: Sb. Simpozium. Protsessy sinteza i rosta kristallov i plenok poluprovodnik. materialov, 1965. Tezisy dokl. Novosibirsk, 1965, 7-8

TOPIC TAGS: solid solution, gallium compound, indium compound, single crystal growing, crystal impurity

ABSTRACT: The possibility is investigated of obtaining single crystals of homogeneous solid solutions in a wide range of concentrations. The crystals were grown by the gas-transport method in a closed volume. The authors elucidate the influence of such factors as the zone temperature, the temperature difference between zones, and the chemical nature of the carrier, and its concentration on the evolution of the gas-transport reactions and on the habit and dimension of the crystals are clarified. Optimal conditions are established for obtaining single crystals of the required habit. Questions involved in the doping of crystals during gas-transport reactions are studied. A. Potnikov. [Translation of Abstract]

SUB CODE: 20
Card 1/1 nst

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S/080/60/033/06/04/006

5.2610

AUTHORS: Goryunova, N. A., Kradinova, L. V., Sokolova, V. I., Sokolova, Ye.V.

TITLE: A Method of Obtaining High-Purity Arsenic 1

PERIODICAL: Zhurnal prikladnoy khimii, 1960, Vol. 33, No. 6, pp. 1409-1410

TEXT: Gallium arsenide GaAs is a semiconductor material with a rectifying effect and photoconductivity. Arsenic is usually accompanied by antimony and bismuth which have similar physical and chemical properties, so that their separation from arsenic is difficult. Arsenic trioxide was taken as initial material, therefore, because it does not contain bismuth and only small quantities of Sb, Cu, Al, Ca, Fe, Si and Mn. The purification was carried out in two stages: purification of arsenic trioxide; reduction of the trioxide to arsenic metal. The trioxide was purified by recrystallization from a hydrochloric solution. After complete dissolution of As_2O_3 the hot solution was filtered and then kept for 20-24 hours in a cold place. The crystals formed were reduced by activated coal in a quartz ampoule. The arsenic metal was distilled in a 10^{-3} mm Hg vacuum. At $300^{\circ}C$ the fraction containing As_2O_3 and at $450^{\circ}C$ pure arsenic was distilled. On the base of arsenic produced by the method proposed, GaAs can be obtained with a concentration of charge carriers

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S/080/60/033/06/04/006

A Method of Obtaining High-Purity Arsenic

$n \approx 10^{16} \text{ cm}^{-3}$. Further treatment by zone melting and extraction of single crystals produces a material suitable for the application as semiconductor. There is 1 table and 7 references: 2 Soviet, 3 German, 1 English and 1 French.

ASSOCIATION: Leningradskiy fiziko-tehnicheskiy institut AN SSSR (Leningrad Physico-Technical Institute of AS USSR)

SUBMITTED: June 25, 1958
February 4, 1960 (after revision)

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Card 2/2

L 01050-67 EWT(1)/EWT(m)/T/EWP(t)/STI IJP(c) JD

ACC NR: AP6030961 SOURCE CODE: UR/0181/66/008/009/2623/2627 52

5/B

AUTHOR: Belle, M. L.; Alferov, Zh. I.; Grigor'yeva, V. S.; Kradinova, L. V.; Prochukhan, V. D.

ORG: Physicotechnical Institute im. A. F. Ioffe AN SSSR, Leningrad (Fiziko-tehnicheskoy institut AN SSSR)

TITLE: Optical reflection of gallium phosphide and gallium arsenide and their solid solutions 27 27 27

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2623-2627

TOPIC TAGS: gallium arsenide, gallium, optical reflection, gallium phosphide, doublet structure, ultraviolet region structure, spin orbital, splitting

ABSTRACT: An analysis is made of the optical reflection of GaP, GaAs, and their solid solutions in the 2.0-5.0 ev region at 100 and 290K. A doublet structure was detected in the ultraviolet region of the spectrum, which shifts linearly with changes in composition. Satisfactory agreement in the distance between double components and corresponding values, determined from infrared absorption, make it possible to ascribe this doublet to the spin-orbital splitting of the A_1 valency band at the E_F . 21

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ACC NR: AP6030961

point, the corresponding transition in this case being $F_{15} \rightarrow F_{15}(E_0)$ -- the transition from the upper valency band to the second conductivity band. For GaAs we then have $E_0 = 4.46$ ev, $\Delta_0 = 0.32$ ev, and for GaP, $E_0' = 4.68$ ev, $\Delta_0 = 0.125$ ev ($T = 290K$). The shift in the doublet $A_3 \rightarrow A_1$ occurs linearly with a break. The doublet structure, which becomes less distinct as the content of GaP increases, is observed as far as the composition $GaP_{0.7}As_{0.3}$. Apparently, corresponding transitions occur at various points of the Λ branch for GaP and GaAs (direction [111] in the Brillouin zone). The author thanks Ye. F. Gross for his interest in this work. Orig. art. has: 1 table, and 3 figures. [Authors' abstract] [SP]

SUB CODE: 20 / SUBM DATE: 17Jan66 / ORIG REF: 001 / OTH REF: 009 /

AWM

Card 2/2

L 40108-66 EWP(s)/EWT(m)/T/EWP(t)/ETI IJP(c) NH/WW/JD/JG

ACC NR: AR6020536

SOURCE CODE: UR/0031/63/CCC/003/B044/B044

AUTHOR: Baranov, B. V.; Grigor'yeva, V. S.; Kradinova, L. V.; Prochukhan, V. D.

111

TITLE: Ternary chalcogenides of type $A^{II}B_2^{III}C_4^{IV}$

B

SOURCE: Ref zh. Khim, Part I, Abs. 3B321

REF SOURCE: Sb. Fizika. Dokl. k XXIII Nauchn. konferentsii Leningr. inzh.-stroit. in-ta, L., 1965, 48-49

TOPIC TAGS: zinc compound, gallium compound, cadmium compound, indium compound, sulfide, crystallization

ABSTRACT: The possibility of obtaining crystals of ternary chalcogenides of type $A^{II}B_2^{III}C_4^{VI}$ (I) having a definite size and habit was investigated. Methods of gas transport reactions and recrystallization from solutions were employed. Coarse crystals of $ZnGa_2S_4$ and $CdIn_2S_4$ were obtained. The influence of group VI elements on the transport and shape of the crystals was determined; it was found that the addition of Te impurities leads to a more perfect faceting and to coarser crystals. It is shown that I can be recrystallized from salt melts containing the same component B.
S. Rykova. [Translation of abstract]

SUB CODE: 07

Card 1/1 000

6

Semiconducting phases in the system $A_3^{II}B_2^{VI}$ - $A_2^{II}B_6^{VI}$ (? - Sic.).
L. V. Kradinova, I. K. Polushina.

Anomalous scattering of x-rays in Ga_2Se_3 and its solid solutions.
A. A. Vaynolin and M. M. Markus.
(Presented by A. A. Vaynolin--25 minutes).

Papers not presented.]

Diffusion of impurities in gallium arsenide. B. I. Boltaks, V. I. Sokolov,
F. S. Shishyanu.

Influence of the impurities silver and gold on the electrical properties
of gallium arsenide. B. I. Boltaks, V. I. Sokolov, F. S. Shishyanu.

Report presented at the 3rd National Conference on Semiconductor Compounds,
Kishinev, 16-21 Sept 1963

ACCESSION NR: AT4044572

S/0000/64/000/000/0173/0174

AUTHOR: Kradinova, L. V.

TITLE: The possibility of forming solid solutions in certain systems of the type A(III) B(V)

SOURCE: AN MOLSSR. Institut fiziki i matematiki. Issledovaniya po poluprovodnikam; novyye poluprovodnikovyye materialy (Semiconductor research; new semiconductor materials). Kishinev, Gos. izd-vo Kartya Moldovenyaske, 1964, 173-174

TOPIC TAGS: solid solution, semiconductor, thallium, bismuth, zinc sulfide

ABSTRACT: The mobility of current carriers in semiconductors of the type Al₁₁B_V increases with the atomic weight of the elements. The author therefore attempted to make samples of this type which would include the heaviest elements Tl and Bi. At present, no binary compound of this type containing Bi and Tl is known, and the existence of a ternary compound containing Tl has been disputed. Attempts at introducing these elements by dissolving them in ZnS-type structures or by introducing elemental Tl or Bi into Al₁₁B_V were unsuccessful, due apparently to the strong metallization of the bond in the transition from In to Tl and from Sb to Bi. By analogy with Prochukhan's experiments, introduction into the more complex zincblende structure would presumably be successful.
Card 1/2

ACCESSION NR: AT4044572

ASSOCIATION: Institut fiziki i matematiki, AN MolSSR (Institute of Physics and Mathematics, AN MolSSR)

SUBMITTED: 13Dec63

SUB CODE: SS

NO REF Sov: 001

ENCL: 00

OTHER: 002

Card

2/2

KRADINOVA, V.I., otv. za vypusk; SAFARMAMEDOV, A., red.;
GETTS, L.N., tekhn. red.

[National economy of the Turkmen S.S.R.; statistical
abstract] Narodnoe khoziaistvo Turkmenskoi SSR; sta-
tistichestkii sbornik. Ashkhabad, Gosstatizdat, 1962. 252 p.
(MIRA 16:7)

1. Turkmen S.S.R. Statistichestkoye upravleniye.
(Turkmenistan--Statistics)

KRADRASHKOV, A.V., dots.; LARIN, P.I., inzh.; PLEVNEV, A.K., aspirant;
PLOTNIKOV, M.G., assistant; ROMANOVSKIY, V.A., assistant;
SKOGOREV, V.P., inzh.

Precision attained in standardizing Invar tapes on interference and optomechanical comparators of the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography.
Trudy MIIGAIK no.36:63-66 '59. (MIRA 13:4)

1. Kafedra vysshey geodesii Moskovskogo instituta inzhenerov
geodezii, aerofotos"zemki i kartografii.
(Measuring tapes--Standards)

KRADZIEV, B., prof.; LAZAROV, B.; RAJCEV, I.; VALKOV, I.

On some morphological changes in the kidney in multiple
myeloma. Nauch. tr. vissh. med. inst. Sofiia 42 no.4:
13-20 '63

1. Aus dem Institut fur Pathologische Anatomie (Direktor:
Prof. B.Kardziev), Medizinisches Institut in Sofia.